



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/693,537	10/23/2003	Jiun-Han Wu	E0523-00021	5347

8933 7590 05/04/2005

DUANE MORRIS, LLP  
IP DEPARTMENT  
ONE LIBERTY PLACE  
PHILADELPHIA, PA 19103-7396

EXAMINER
----------

PATEL, ASHOK

ART UNIT	PAPER NUMBER
----------	--------------

2879

DATE MAILED: 05/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

57

**Office Action Summary**

Application No.

10/693,537

Applicant(s)

WU ET AL.

Examiner

Ashok Patel

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 102303.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

Art Unit: 2879

1. The Examiner noted that applicant filed an IDS on 04/25/2005. However, as of the date of this office action, that IDS is unavailable to the Examiner. However, depending upon satisfaction of IDS requirement, it will be considered in the next office action.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Chen et al (USPN 6,420,835, of record, submitted by applicant).

Chen disclose applicant's claimed plasma display panel (Figure 3) including: an array of display cells, each of the display cells having: a closed plasma discharge space (60); and a fluorescent layer (98) provided in the closed plasma discharge space, the fluorescent layer having a fluorescent layer thickness; wherein the fluorescent layer thickness (h1) in at least one of the display cells is

Art Unit: 2879

different from the fluorescent layer thickness (h2 or h3) in other display cells.

As to claim 2, Chen disclose the at least one of the display cells whose fluorescent layer thickness is (h1) different from the fluorescent layer thickness in other display cells has a red fluorescent layer.

As to claim 3, Chen disclose the at least one of the display cells whose fluorescent layer thickness is (h2) different from the fluorescent layer thickness in other display cells has a green fluorescent layer.

As to claim 4, Chen disclose the at least one of the display cells whose fluorescent layer thickness is (h3) different from the fluorescent layer thickness in other display cells has a blue fluorescent layer.

As to claim 5, this claim is substantially same as claim 1, except that claim 5 recites three fluorescent layers (red, green and blue) coated on sidewalls and bottom of three discharge cells which is disclosed by Chen et al in Figure 3. Chen et al disclose at least one of the three fluorescent layer thicknesses different from the other two fluorescent layers.

Art Unit: 2879


As to claims 6-8, since language of these claims is same as respectively claims 2-4, claims 6-8 are also rejected for reasons set forth in the rejection of claims 2-4.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sano et al, Shiiki et al, Okada et al and Sasao et al each are cited for showing a general structure of a plasma display device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok Patel whose telephone number is 571-272-2456. The examiner can normally be reached on Monday-Thursday.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Ashok Patel  
Primary Examiner  
Art Unit 2879